

ABSTRACT**Title Improvement in and Relating to the Control of Instruments**

An instrument, in particular an electron microscope, has at least one user controllable operating parameter and at least one further operating parameter having a required value at least partially dependent on that of the user controllable parameter. A number of possible values of the further operating parameter are stored in a memory and each stored value corresponds to a respective possible value of the user controllable parameter. Selecting one of said stored possible values causes the instrument to be controlled accordingly. There is also provided a tuner for enabling the user to alter the selected value and updating apparatus for updating the memory accordingly, so that the adjusted value of the further operating parameter is subsequently selected from the memory if the same value of the user controllable parameter is then chosen again.